

LBNL Red List¹

Small and Capital Projects at LBNL should refrain from using any of the following Red List materials or chemicals.

- Cadmium
- Chlorinated Polyethylene and Chlorosulfonated Polyethylene²
- Chlorofluorocarbons (CFCs)
- Chloroprene (Neoprene)
- Formaldehyde (added)³
- Halogenated Flame Retardants⁴
- Hydrochlorofluorocarbons (HCFCs)
- Lead⁵
- Mercury⁶
- Petrochemical Fertilizers and Pesticides
- Phthalates
- Polyvinyl Chloride (PVC)⁷
- Wood treatments containing Creosote, Arsenic or Pentachlorophenol
- Endangered wood species
- Materials extracted from critically endangered species habitat

¹As adapted from the Living Building Challenge. <http://www.cascadiagbc.org/lbc-old/member/living-building-dialogue/materials/prerequisite-five>

²HDPE and LDPE are excluded.

³A temporary exception is made for glulam beams made using phenol formaldehyde.

⁴Halogenated flame retardants include: PBDE, TBBPA, HBCD, Deca-BDE, TCPP, TCEP, Dechlorane Plus and other retardants with bromine or chlorine.

⁵An exception is made for solder and grid-tied solar battery systems only.

⁶A temporary exception is made for low-mercury fluorescent lighting.

⁷A temporary exception is made for PVC in wiring applications where it is mandated by code or where it is a small part of a larger component.